

Crook & Willington Urban District Council

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CROOK AND WILLINGTON
URBAN DISTRICT COUNCIL

REPORT
of the
MEDICAL OFFICER
OF HEALTH
for the
Year Ended 31st December, 1964.

No. 6 Health Area,
"Springfield",
WILLINGTON,
Crook,
Co. Durham.

PUBLIC HEALTH OFFICERS
OF THE COUNCIL

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Medical Officer of Health - G. A. MACGREGOR, M.D., D.P.H.

Chief Public Health Inspector - J. B. KELLY, D.P.A. (Dunelm.,) D.M.A., A.R.S.H.

Public Health Inspector - C.E. DAVISON, M.A.P.H.I.

Public Health Inspector - E. LEES, M.A.P.H.I.



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To the Chairman and Members of Crook and Willington U.D.C.

Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year 1964.

The birth rate, although lower than the national figure, was higher in 1964 than it had been for the previous 8 years and the death rate, higher than the national figure, remained at a reasonable figure. Of the total number of deaths diseases of the heart and circulatory system amounted to 55.8%.

Measles was the only infectious disease which was prominent during the year. Once again there were no cases of diphtheria, poliomyelitis or any of the enteric group of diseases to be reported.

Protective measures against poliomyelitis, diphtheria, whooping cough and tetanus were continued during the year among children as a routine measure at clinics and schools.

Tuberculin testing and B.C.G. vaccinations were also continued both among school entrants and the 11 years to school leaving age as part of the campaign against tuberculosis. Other measures against this disease included following up cases, establishing contacts, Mass Miniature X-ray Unit visits to the area and advice to relatives and friends on measures to prevent the disease.

In the field of housing many visits were made to houses for many and varied reasons including overcrowding, insanitary premises, illness, difficulties in management and others, and endeavours made to alleviate the prevailing circumstances involved many other branches of the County Health Department.

The attendances at the three Maternity & Child Welfare Units in your area were very satisfactory except that there was an appreciable decline in the number of antenatal patients - a decline which follows the national pattern and is due to the increasing participation of general practitioners in this field of medicine.

The water and milk supplies to your area continued to be satisfactory and gave no cause for alarm from a public health point of view.

Your Chief Public Health Inspector has appended his report to this one.

In conclusion the state of public health in your area for 1964 was satisfactory.

I take this opportunity of thanking my colleagues for their pleasant and welcome co-operation and also the members of the Council for their assistance and continued interest during the year.

I have the honour to be, ladies and gentlemen,

Your obedient servant,

G. A. MACGREGOR,
Medical Officer of Health.

CONDITIONS OF THE AREA

Population (Registrar General's Estimate - Mid Year)	...	...	24,450
Area (In Acres)	...	...	15,476
Number of Inhabited Houses (Mid Year)	...	...	8,455
Rateable Value	...	...	£532,156
Product of Penny Rate	...	...	£2,010

VITAL STATISTICS

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	375	181	194
Illegitimate	<u>23</u>	<u>14</u>	<u>9</u>
	<u>398</u>	<u>195</u>	<u>203</u>

Birth Rate per 1,000 of estimated resident population 16.24

General Birth Rate (England and Wales) 18.4

Still Births

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	7	5	2
Illegitimate	<u>—</u>	<u>—</u>	<u>—</u>
	<u>7</u>	<u>5</u>	<u>2</u>

Rate per 1,000 (Live and Still) 16.57

<u>Deaths</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
	<u>314</u>	<u>166</u>	<u>148</u>

Death Rate per 1,000 of estimated resident population 12.84

Death Rate (England and Wales) 11.3

Deaths from Puerperal Causes

Puerperal Sepsis	..	..	Nil
Other Puerperal Causes	..	..	Nil

Deaths of Infants under one year of age

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	9	3	6
Illegitimate	<u>1</u>	<u>1</u>	<u>—</u>
	<u>10</u>	<u>4</u>	<u>6</u>

Deaths of Infants under 4 weeks of age

	<u>Total</u>	<u>Males</u>	<u>Females</u>
Legitimate	7	2	5
Illegitimate	<u>1</u>	<u>1</u>	<u>-</u>
	<u>8</u>	<u>3</u>	<u>5</u>
Death Rate of Infants under one year of age per 1,000 Live Births	...	25.13	
Infantile Mortality Rate (England and Wales)	...	...	20.0
Infantile Mortality Rate per 1,000 live births - legitimate	...	24.0	
Infantile Mortality Rate per 1,000 live births - illegitimate	...	43.48	
Neo-natal Mortality Rate (deaths under 4 weeks per 1,000 total live births )	...	...	20.10
Early Neo-natal Mortality Rate (deaths under 1 week per 1,000 total live births )	...	...	15.07
Perinatal Mortality Rate (Stillbirths and deaths under 1 week combined per 1,000 total live and still births)	...	...	31.35
Deaths from Cancer	...	...	44
Deaths from Measles	...	...	-
Deaths from Diarrhoea	...	...	-
Deaths from Whooping Cough	...	...	-

Table of Birth and Death Rates for the past 6 years.

YEAR	DEATH RATE	INFANTILE DEATH RATE UNDER 1 YEAR	BIRTH RATE
1959	12.21	31.74	14.17
1960	14.49	40.92	14.79
1961	13.79	20.88	15.14
1962	15.56	29.09	14.53
1963	14.05	19.18	14.69
1964	12.84	25.13	16.24

CAUSES OF DEATH at Different Periods of Life During 1964

CAUSE OF DEATH	Sex	Total All Ages	Under 4 weeks	4 weeks and under 1 year	Age in Years				
					1 - 5 - 15 - 25 - 35 - 45 - 55 - 65 - 75 & over	1 - 5 - 15 - 25 - 35 - 45 - 55 - 65 - 75 & over	1 - 5 - 15 - 25 - 35 - 45 - 55 - 65 - 75 & over	1 - 5 - 15 - 25 - 35 - 45 - 55 - 65 - 75 & over	1 - 5 - 15 - 25 - 35 - 45 - 55 - 65 - 75 & over
1. Tuberculosis, Respiratory	M	2	-	-	-	-	-	-	-
10. Malignant Neoplasm, Stomach	F	1	-	-	-	-	-	-	-
11. Malignant Neoplasm, Lung, Bronchus	M	4	-	-	-	-	-	-	-
12. Malignant Neoplasm, Breast	F	3	-	-	-	-	-	-	-
13. Malignant Neoplasm, Uterus	M	7	-	-	-	-	-	-	-
14. Other Malignant and Lymphatic Neoplasms	F	3	-	-	-	-	-	-	-
15. Leukaemia, Aleukaemia	F	1	-	-	-	-	-	-	-
16. Diabetes	M	15	-	-	-	-	-	-	-
17. Vascular Lesions of Nervous System	F	11	-	-	-	-	-	-	-
18. Coronary Disease, Angina	M	2	-	-	-	-	-	-	-
19. Hypertension With Heart Disease	F	4	-	-	-	-	-	-	-
20. Other Heart Disease	M	34	-	-	-	-	-	-	-
21. Other Circulatory Disease	F	27	-	-	-	-	-	-	-
22. Influenza	M	27	-	-	-	-	-	-	-
23. Pneumonia	F	6	-	-	-	-	-	-	-
24. Bronchitis	M	1	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-
Total - Carried Forward		269	-	-	-	-	-	-	-
			1	4	15	38	78	132	

CAUSE OF DEATH (CONT'D.)	Sex	Age in Years.									
		Total All Ages	Under 4 Weeks	4 weeks and under 1 year	1 - 5	5 - 15	15 - 25	25 - 35	35 - 45	45 - 55	55 - 65
<u>TOTAL - (Brought Forward)</u>		269	-	-	1	-	1	4	15	38	78
25. Other Diseases of Respiratory System	M F	3 -	1	-	1	-	1	-	-	1	-
26. Ulcer of Stomach and Duodenum	M F	1 -	1	-	-	-	-	-	-	1	-
27. Gastritis, Enteritis and Diarrhoea	M F	1 -	1	-	-	-	-	-	-	1	-
28. Nephritis and Nephrosis	M F	2 -	-	-	-	-	-	-	-	-	-
31. Congenital Malformations	M F	2 -	-	-	-	-	-	-	-	-	-
32. Other Defined and Ill-Defined Diseases	M F	3 5	13	2	2	1	1	1	2	-	-
33. Motor Vehicle Accidents	M F	1 2	1	1	1	1	1	1	1	1	1
34. All Other Accidents	M F	6 2	1	1	1	1	1	1	1	1	1
35. Suicide	M F	1 -	-	-	-	-	-	-	-	-	-
<u>TOTAL all CAUSES</u>	M F	166 148	3 5	1 1	1 1	4 1	13 5	32 15	37 48	72 71	85 143
<u>GRAND TOTAL</u>		314	8	2	1	2	2	5	17	47	85

INFECTIOUS DISEASES

<u>Diseases</u>	<u>Total Cases notified</u>	<u>Cases admitted to Hospital</u>	<u>Total Deaths</u>
Dysentery	-	-	-
Measles	403	-	-
Whooping Cough	1	-	-
Puerperal Pyrexia	-	-	-
Scarlet Fever	4	-	-
Erysipelas	-	-	-
Tuberculosis	5	4	3
Pneumonia	1	-	3
Paratyphoid Fever	-	-	-
Food Poisoning	-	-	-
Poliomyelitis	-	-	-

The following Table shows the number of cases notified and deaths recorded from Diphtheria and Scarlet Fever during the past 6 years.

YEAR	Diphtheria		Scarlet Fever	
	Cases	Deaths	Cases	Deaths
1959	-	-	20	-
1960	-	-	9	-
1961	-	-	5	-
1962	-	-	4	-
1963	-	-	1	-
1964	-	-	4	-

NOTIFIED DISEASES (OTHER THAN TUBERCULOSIS) DURING THE YEAR 1964

The following table gives the incidence of Notifiable Diseases during the year.

TUBERCULOSIS

Age Periods	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 5	-	-	-	-	-	-	-	-
5 - 14	-	-	-	1	-	-	-	-
15 - 24	1	-	-	-	-	-	-	-
25 - 44	1	-	-	-	1	1	-	-
45 - 64	2	-	-	-	-	-	-	-
65 & over	-	-	-	-	1	-	-	-
TOTAL	4	-	-	1	2	1	-	-

NUMBER OF CASES OF TUBERCULOSIS ON
REGISTER AT 31st DECEMBER, 1964.

Pulmonary			Non-Pulmonary			Total
Male	Female	Total	Male	Female	Total	Cases
243	191	434	121	137	258	692

COMPARATIVE TUBERCULOSIS STATISTICS FOR RECENT YEARS

YEAR	New Cases						Deaths						No. on Register at end of year					
	Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary			Pulmonary			Non-Pulmonary		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
1959	2	1	3	-	1	1	2	-	2	-	-	-	224	184	408	115	134	249
1960	4	1	5	1	1	2	3	-	3	-	-	-	228	185	413	116	135	251
1961	3	2	5	5	-	5	-	1	1	-	-	-	231	187	418	121	135	256
1962	4	3	7	-	1	1	2	-	2	-	1	1	235	190	425	121	136	257
1963	4	1	5	-	-	-	1	-	1	-	-	-	239	191	430	121	136	257
1964	4	-	4	-	1	1	2	1	3	-	-	-	243	191	434	121	137	258

Annual Report of the Chief Public Health Inspector

1. WATER SUPPLY - The Durham County Water Board are the principal suppliers of water in the area and the vast majority of houses are connected to their mains. No houses are supplied by means of stand pipes but a few farms and cottages are dependent upon well supplies.

There is no evidence of plumbo solvent action in the water supplied in this area.

2. VISITS - The following is a summary of the visits undertaken by Officers of the department during the year, in pursuit of their official duties:-

(1) Housing (Public Health and Housing Acts)	...	...	...	...	...	...	2458
(2) W.C. Conversions and Defective Sanitary Conveniences	...	...	...	...	...	...	44
(3) Drainage	...	...	...	...	...	...	278
(4) Water Supply	...	...	...	...	...	...	12
(5) Food Premises and Slaughterhouses	...	...	...	...	...	...	1939
(6) Dairies	...	...	...	...	...	...	4
(7) Shops Act	...	...	...	...	...	...	123
(8) Tents, Vans etc.	...	...	...	...	...	...	4
(9) Factories and Workplaces	...	...	...	...	...	...	60
(10) Keeping of Animals	...	...	...	...	...	...	12
(11) Insanitary Ashpits and Receptacles	...	...	...	...	...	...	172
(12) Offensive Accumulations	...	...	...	...	...	...	43
(13) Smoke Nuisances	...	...	...	...	...	...	7
(14) Prevention of Damage by Pests Act, 1949	...	...	...	...	...	...	56

To this list must be added numerous other visits and inspections which cannot be categorised, in connection with the health and well-being of the residents of this district.

3. NUISANCES ETC. - The following table shows the principal nuisances dealt with during the year, by means of notices :-

	Informal Notices Served.	Statutory Notices Served.	Defects Remedied After Notices.
Public Health and Housing Acts	21	11	14
Defective Sanitary Conveniences	4	5	5
Drainage	8	-	6

Many other nuisances were remedied and complaints dealt with as a result of informal action by Officers of the department, without resorting to the use of notices.

4. SCHOOLS - Occasional inspections of schools in the district were made in connection with sanitary accommodation and washing and canteen facilities. No nuisances were reported.

5. SMOKE ABATEMENT - Industrial smoke pollution cannot be considered a major problem in this semi-rural area and informal action sufficed to deal with isolated complaints of smoking chimneys, burning rubbish etc.

6. PREVENTION OF DAMAGE BY PESTS - During the twelve months ended 31st December, 1964, 130 dwelling houses and 91 shops and agricultural properties were inspected. Out of these, 213 houses, shops and other premises were found to be infested by rats and/or mice, and treatment was carried out accordingly. No charge is made for the treatment of domestic property but shops and agricultural hereditaments are treated on a cost plus supervision basis. Close supervision of the Council's refuse tips and sewage works continued during the year.

7. W.C. CONVERSIONS - During the year 12 W.C. conversions were effected. Ashclossets now remain only in property with a short life or where drainage or water supply difficulties exist.

8. SHOPS AND FOOD PREMISES - Continuous supervision of food shops and food preparing premises has occurred during the year to ensure that these premises comply with the Food Hygiene Regulations and attain a satisfactory standard of hygiene.

The following premises in the area are concerned with the manufacture and/or retailing of food:-

21 Butchers
 5 Chemists
 17 Fish Shops
 63 General Dealers
 50 Grocers
 10 Greengrocers
 7 Stalls
 21 Restaurants, School Kitchens, Hotel Kitchens and Canteens
 9 Bakehouses
 2 Food Factories
 16 Premises registered for the preparation or manufacture of sausages or preserved food etc.
 3 Premises for the manufacture and sale of ice cream.

One application for registration for the retailing of ice cream was granted during the year. The total number of premises registered for this purpose is now 94.

9. SLAUGHTERHOUSES - 8 registered slaughterhouses were operating during the year, and 1,371 visits were paid to those establishment and food premises generally for the purpose of food inspection and enforcement of hygiene requirements.

The following table gives details of the carcases and offal inspected and condemned in whole or in part:-

	<u>Cattle</u> <u>Excluding</u> <u>Cows</u>	<u>Cows</u>	<u>Calves</u>	<u>Sheep & Lambs</u>	<u>Pigs</u>
Number of carcases inspected	2,946	212	54	7,852	4,791
<u>All diseases except</u> <u>Tuberculosis and Cysticerci</u> :-					
Whole carcases condemned	21	19	14	9	7
Carcases of which some part or organ was condemned	420	-	-	183	370
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci	14.96	8.96	25.92	2.44	7.86
<u>Tuberculosis only</u> :-					
Whole carcases condemned	-	-	-	-	-
Carcases of which some part or organ was condemned	3	-	-	-	37
Percentage of the number inspected affected with Tuberculosis	0.10	-	-	-	0.77

14 beasts' carcases were found to be affected with Cysticercus Bovis.

10. FOOD ETC. CONDEMNED - During the year 10 tons 6 cwts. 6 st. 5 lbs. of fresh meat and 9cwts. 4 st. 12 lbs. 8 ozs. of miscellaneous tinned foods and loose provisions were condemned as unfit for human consumption. Condemned carcase meat is disposed of by the trade to local firms for processing including the manufacture of animal foods and this involves much time-absorbing supervision by the meat inspectors. Unsound tinned food and loose provisions are destroyed at the Council's refuse tips. Carcases affected with C-Bovis are subjected to refrigeration for periods of two or three weeks at the prescribed temperature.

11. HOUSING - The following table gives an indication of the year's progress in the clearance of slums and improvement of older houses in the area:-

Houses represented for clearance during the year	72
Improvement Grant Applications approved	125
Houses built by the North Eastern Housing Association during the year	82

As in other years a great deal of attention has been paid to the condition, repair and maintenance of housing in the area and the encouragement of improvements to suitable older properties.

12. COLLECTION AND DISPOSAL OF REFUSE AND SALVAGE

Number of premises cleansed weekly	8,865
Additional collections each week	280
Number of collections during the year	475,540
Total refuse collected	15,107 tons
Yield per premise per year	1.70 tons
Average haul to tips	2½ miles
Number of tips	3
Permanent establishment as at 31st December, 1964 . . .	28 + 1 Rodent Operative
Number of vehicles employed on Refuse Collection etc . . .	7 + 2 Spare
Number of vehicles employed on Salvage & Trade Refuse . . .	1
Refuse Disposal Plant	1 Tractor/Loader
	1 3 cu.yds. Scraper.
	1 Low Loader.
Salvage Collections	47 tons 19 cwts.
Salvage Income	£420. 18. 7d.

Collection of refuse was maintained on a weekly basis during the year with the exception of some colliery property where the volume of heavy refuse necessitated additional clearances.

The bulk of the refuse collected was disposed of by controlled tipping at the riverside site at Willington, the Council's angledozer again proving invaluable in consolidating and controlling the tip.

During the year the establishment was reduced by 3 men who retired and were not replaced, and by the end of the year the number of vehicles actually engaged on house refuse collection was reduced from 8 to 7, the redundant vehicle being retained for use as an extra spare vehicle.

13. FACTORIES ACTS - During the year 60 inspections of premises subject to the Factories Acts were made principally in connection with sanitary accommodation.

14. OFFICES, SHOPS AND RAILWAY PREMISES ACT - The main provisions of this Act, which deals with the health, safety and welfare of persons employed in shops and offices, came into operation on 1st August, 1964.

Registration and inspection of premises affected by the Act commenced during the year under review.

In conclusion I would express to the Members of the Council my appreciation of their support and encouragement during the year and my sincere thanks to my colleagues and all the staff of the Health Department for their invaluable assistance and co-operation.

J. B. KELLY

Chief Public Health Inspector.

